III. Priorities	Priorities
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Board 1	
State Water	State Water Board General Priorities:
State Water Resources Control Board (Agency ID: SWRCB)	 State Water Board General Priorities: Projects that include the development of a Hydrologic Model that will predict unimpaired flows in streams throughout California. The initial focus should be on the Russian River and its tributaries. The model should be capable of adding impairments (water diversions and use, instream flow requirements, etc.) for determining if water is available for appropriation. Projects that include the development of a geographic information system (GIS) that identifies the location of dams and reservoirs on topographic maps. The layers should include all known water diversions, locations of sensitive fish and wildlife habitat. A layer should provide the location of sensitive fish and wildlife habitat. A layer should provide the location of sensitive fish and wildlife habitat. A layer should provide the location of fully appropriated streams and designated wild and scenic rivers. Projects to develop and test rapid indicators that detect bacterial contamination in a rapid and cost efficient manner. Projects must be designed to help meet the need for a fast, reliable, accurate and inexpensive way to test beach water quality. Projects to conduct epidemiology studies to better understand and develop methods to monitor the risk of swimming at non-point source contaminated beaches. The need for, and prioritization of, mitigation actions at beach with high bacterial counts is dependent on a better understanding of the relationship between these indicators and health risk. Epidemiology studies should include efforts to associate the incidence of health
	 effects with rapid indicators and new indicators. 5. Projects to develop new quantifiable, accurate and relatively inexpensive indicators: preferably those indicators that are actually human pathogens. The new indicators need to be tied to epidemiology study results to ensure that they are indeed quantifying health risk and must useable by most environmental microbiology labs. 6. Projects to develop Source and test Tracking tools, which are a requirement under Assembly Bill 538 (Statutes 1999, Chapter 488), to help environmental health managers identify sources of fecal contamination. 7. Projects to evaluate the effectiveness of best management practices (BMPs) such as circulation enhancements, treatment wetlands, some end of pipe treatment package plants, antibacterial filter materials, and treatment

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	wetlands. A focused investigation of BMP effectiveness of projects to improve circulation needs to be done in order to determine the best approach to improve enclosed beach water quality and protect human health. 8. Projects to improve understanding of and the ability to monitor bacterial Transport Mechanisms, including Bacterial magnification and regrowth.
	State Water Board Ocean Protection Project Priorities: These priorities, along with the priorities identified by the Ocean Protection Council, must be met in order to apply for the \$10 million of the Coastal Nonpoint Source Pollution Control Program funds devoted to ocean protection projects. 9. A project to complete the development, validation, assistance in certification, and implementation of Rapid Indicators of beach pathogen contamination. (Rapid Indicators is a statewide priority.) 10. Projects to implement control strategies and to eliminate nonpoint source (NPS) discharges to areas of special biological significance (ASBS) and their adjacent Critical Coastal Areas (CCAs)

III. Priorities	Priorities
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Board 1	
Regional Water	REGIONAL WATER BOARD 1
Quality Control	
Board 1 (Agency	REGIONAL PRIORITIES:
ID: RWQCB 1)	1. Implement Total Maximum Daily Loads (TMDLs).
	2. Upgrade Publicly Owned Treatment Works (POTWs) in small disadvantaged communities with a threat to public
	health or impaired water bodies, or under compliance and/or enforcement orders and support stormwater programs.
	3. Support Surface Water Ambient Water Monitoring Programs (SWAMPs) and TMDL monitoring programs.
	4. Support CCAs.
	5. Promote water-recycling activities.
	TARGETED PROJECTS:
	POTWs & Stormwater Programs
	6. Projects which upgrade POTWs in small disadvantaged communities with a threat to public health or impaired water bodies, or under compliance and or enforcement orders and support stormwater programs in the Russian River/Bodega Bay Watershed Management Area (WMA).
	7. Projects which upgrade POTWs in small disadvantaged communities with a threat to public health or impaired water bodies, or under compliance and or enforcement orders and support stormwater programs in the Klamath WMA.
	8. Projects which upgrade POTWs in small disadvantaged communities with a threat to public health or impaired water bodies, or under compliance and or enforcement orders and support stormwater programs in the North Coast Rivers WMA.
	9. Projects which upgrade POTWs in small disadvantaged communities with a threat to public health or impaired water bodies, or under compliance and or enforcement orders and support stormwater programs in the Humboldt Bay WMA.

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	10. Projects which upgrade POTWs in small disadvantaged communities with a threat to public health or impaired water bodies, or under compliance and or enforcement orders and support stormwater programs in the Eel River WMA.
	11. Projects which upgrade POTWs in small disadvantaged communities with a threat to public health or impaired water bodies, or under compliance and or enforcement orders and support stormwater programs in the Trinity River WMA.
	TMDL Program
	Sediment
	12. Projects which implement sediment TMDL in Russian River/Bodega Bay WMA.
	13. Projects which implement sediment TMDL in Klamath WMA.
	14. Projects which implement sediment TMDL in North Coast Rivers WMA.
	15. Projects which implement sediment TMDL in Humboldt Bay WMA.
	16. Projects which implement sediment TMDL in Eel River WMA.
	 17. Projects which implement sediment TMDL in Trinity River WMA. 18. Projects to implement watershed-based non-industrial timber permitting to promote high-quality silviculture and provide regulatory coordination between Regional Water Quality Control Boards (Regional Water Boards) and other State/Federal regulatory agencies.
	Nutrient
	19. Projects which implement nutrient TMDL in Russian River/Bodega Bay WMA.
	20. Projects which implement nutrient TMDL in Klamath WMA.
	Pathogen
	21. Projects which implement pathogen TMDL in Russian River/Bodega WMA.

III. Priorities	Priorities
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	Temperature 22. Projects which implement temperature TMDL in the Eel River WMA. 23. Projects which implement temperature TMDL in the North Coast Rivers WMA. 24. Projects which implement temperature TMDL in the Klamath WMA. 25. Projects which implement temperature TMDL in the Trinity River WMA. 26. Projects which implement temperature TMDL in the Humboldt Bay WMA

III. Priorities	Priorities
Located in	
Regional Water	
Board 1	
Department of Health Services (Agency ID: DHS)	1. Priorities are identified in Appendix A of the Department of Health Services (DHS) Proposition 50 Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Section79500 et seq.) which is available at the following website: http://www.dhs.ca.gov/ps/ddwem/Prop50/pdfs/CriteriaforChapters3and4-FINAL.pdf . Projects that fit categories A-G (of Appendix A) are identified as priorities.
Resources Agency (Agency ID: Resources Agency)	1. Projects that will develop, identify, and use appropriate new indicators or identify and use existing indicators for assessments and monitoring of watershed health.
Department of Fish and Game (Agency ID: DFG)	• Implement Priority 5D and E actions identified in the Implementation Schedule for the Southern Oregon-Northern California Coast (SONCC) and Central California Coast (CCC) in the following hydrologic sub-areas (HSAs) and hydrologic units (HUs):
	SONCC 1. Winchuck River HSA 2. Smith River HU 3. Wilson Creek HSA 4. Klamath River HU 5. Klamath Glen HSA 6. Hornbrook HSA 7. Iron Gate HSA 8. Trinity River HU 9. Douglas City HSA 10. Mad River HU 11. Butler Valley HSA 12. Redwood Creek HU 13. Trinidad HU 14. Little River HSA 15. Eureka Plain HU- Eureka Plain HSA

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Located in	
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	16. Eel River HU
	17. Weott HSA
	18. Benbow HSA
	19. Laytonville HSA
	20. Outlet Creek HSA
	21. Cape Mendocino HU
	22. Mattole River HSA – Southern Subbasin
	23. Mattole River HSA – Western Subbasin
	24. Mattole River HSA – Northern Subbasin
	25. Mattole River HSA – Eastern Subbasin
	<u>CCC</u>
	26. Mendocino Coast HU
	27. Albion River HSA
	28. Big River HSA
	29. Garcia River HSA
	30. Navarro River HSA
	31. Noyo River HSA
	32. Ten Mile River HSA
	33. Russian River HU
	34. Russian River Mainstream (various HSAs)
	35. Guerneville HSA
	36. Mark West HAS
	• Implement Priority 5 actions identified in the Steelhead Trout Management Tasks Search Website
	(http://www.dfg.ca.gov/nafwb/steelhead_tasks.asp?show_instructions=1&huname=+3304.&haname=&hsaname

III. Priorities	Priorities
Located in	
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	=&calwnum=+3304.&high_priority=1&submit=Submit) in the following HUs:
	37. Cape Mendocino
	38. Eel River
	39. Eureka Plain
	40. Klamath River
	41. Mad River
	42. Mendocino Coast
	43. Redwood Creek
	44. Rogue River
	45. Russian River
	46. Smith River
	47. Trinidad
	48. Trinity River
	49. Winchuck River

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Board 1	
Department of Parks and Recreation (Agency ID: DPR)	The Department of Parks and Recreation (DPR) watersheds listed below are representative of each ecoregion's special physical and biological characteristics. DPR's priorities include watershed assessment, management, planning, implementation, and improvement in watersheds that exhibit high quality characteristics where DPR has ownership and management responsibility. There are many additional DPR watersheds that exhibit high quality characteristics and are also worthy of support.
	Please note: All applicants proposing to do projects on State Park System lands must partner with DPR and provide State Water Resources Control Board (State Water Board) with a letter (or official communication) from DPR acknowledging the partnership and endorsing the proposed project. Contact Syd Brown, Natural Resources Division, California Department of Parks and Recreation at sbrow@parks.ca.gov or 916-653-9930 for specifics.
	DPR Representative Watersheds
	1. Mill Creek watershed (tributary to Smith River, includes all Mill Creek branches and Bummer Lake Creek), Del Norte County, Del Norte Coast Redwoods State Park (SP), and Jedediah Smith Redwoods SP.
	2. Prairie Creek watershed (tributary to Redwood Creek, includes Boyes, Brown, and Godwood Creek tributaries.), Prairie Creek Redwoods SP, Humboldt County.
	3. McDonald Creek watershed, Humboldt County flows into Stone Lagoon, Humboldt Lagoons SP.
	4. Bull Creek watershed, Humboldt County, Humboldt-Redwoods SP, flows into South Fork Eel River.
	5. Whale Gulch-Jackass Creek watersheds, Sinkyone Wilderness State Park and Bureau of Land Management
	(BLM) King Range National Conservation Area.
	6. Big River watershed , Mendocino Woodlands State Historical Park (SHP), Jackson Demonstration State Forest, Big
	River unit of Mendocino Headlands SP (CCA #12). 7. Fife and Fast Austin Greek watershads (part of Armstrong Redwoods State Reserve (SR) and Austin Greek State
	7. Fife and East Austin Creek watersheds (part of Armstrong Redwoods State Reserve (SR) and Austin Creek State Recreation Area (SRA)).
	8. Willow Creek watershed (tributary to lower Russian River, part of Sonoma Coast State Beach).
State Coastal	Projects which enhance summertime stream flows in coastal watersheds.

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Located in	
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Conservancy (Agency ID: SCC)	2. Projects which implement Watershed Enhancement Plans developed jointly by watershed groups and the State Coastal Conservancy (SCC).
	3. Completion of fish passage barrier removal projects that benefit listed salmon and steelhead stocks.
	4. Acquisition of conservation easements that result in the permanent dedication of in-stream flows for salmonid habitat protection.
	5. Installation, operation, and assessment of the efficacy of infrastructure and/or use and assessment of the efficacy of management practices that results in the measurable reduction of stormwater runoff of sediment and pesticides in watershed tributaries.
	6. Projects which support capacity to establish and implement locally directed watershed management programs: i.e. programs which include watershed assessments, development of watershed management plans, establish watershed data management capacity, implementation of watershed management plans, community watershed education, and watershed monitoring within the watershed.
	7. Projects in a watershed, including the San Francisco Bay, which increase the amount of wetlands that are designed and managed to maximize beneficial uses while minimizing detrimental effects.
	8. Projects in a Coastal Watershed that assess the effects of contaminants on aquatic species and develops and implements management projects, including demonstration projects.
	9. Projects that assess and address groundwater impacts due to nitrates from confined animal or onsite disposal systems within a watershed.
	10. Projects that create, sustain, and/or increase local capacity to plan and implement the targeted projects including projects that provide technical and financial capacity, such as re-granting programs, to newer or smaller stakeholders so that they will eventually be able to plan and implement targeted projects.
	11. Support similar recovery of at-risk native species in San Francisco Bay and the watershed above the estuary; and minimize the need for future endangered species listings by reversing downward population trends of native species that are not listed.
	12. Support projects that rehabilitate natural processes in the Bay and urban watersheds.
	13. Continue and expand the watershed coordinator grant program statewide with the goal of creating an

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	environment that encourages watershed Coordinators to collaborate, cooperate, and work with diverse
	stakeholders to build local capacity to implement watershed improvement projects.
	14. Projects that implement priorities from existing sediment TMDLs.
	15. Monitoring to evaluate the effectiveness of mitigation measures that are designed to reduce sediment loads or evaluate the impact of management practices on stream temperature.
	16. Inventory and evaluate the adequacy of riparian buffer zones to provide shade for stream channels.
	17. Implement management practices that promote the development and restoration of riparian vegetation that provides stream shade in existing temperature TMDLs.
	18. In the North Coast region projects should be consistent with "High Priorities" that have been identified under the Department of Fish and Game (DFG) Coho Recovery Plan.
	19. Improve stakeholder outreach and education (including Grades K-12), and public participation in water quality decisions.
	20. Develop or improve water management plans, based on sound science, to address water quality/quantity and related issues on watershed, cross-watershed, or regional basis.
	21. Projects that integrate surface and groundwater quality improvement activities while promoting collaborative and cooperative efforts within a watershed, cross-watershed, or regional context.
	22. Improve coordination of land use planning and water management through applying watershed management strategies.
	23. Improved ecological function of floodplains and stream corridors.
	24. Projects that include operations and maintenance for multiple years for the following stream gauging stations: Continue and expand the watershed coordinator grant program statewide with the goal of creating an
	environment that encourages Watershed Coordinators to collaborate, cooperate, and work with diverse stakeholders to build local capacity to implement watershed improvement projects.
	25. Projects that provide additional gauges on the Mattole River.
	26. Project located along:
	a. Klamath River

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	b. Humboldt Bay
	c. Eel River
	d. Ten Mile River
	e. Big River
	f. Garcia River
	g. Nonpoint projects that benefit fish passage improvement projects
	h. Mattole River

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Located in	
Regional Water	
Board 1	
Ocean Protection Council (Agency ID: OPC)	1. These Guidelines adopt the State Water Board priorities for ocean protection projects. It is anticipated that the Ocean Protection Council (OPC) will adopt their ocean protection project priorities for the 2005-06 Consolidated Grants Program at their January 13, 2006 meeting. Once adopted by the OPC, their priorities will be posted on the State Water Board's website at: http://www.waterboards.ca.gov/funding/consolidgrants0506.html .
Department of Water Resources (Agency ID: DWR)	 GENERAL PRIORITIES Improved coordination of land use planning and water management through applying watershed management strategies within Integrated Regional Water Management (IRWM) planning and implementation efforts. Improve water supply reliability through conjunctive use programs and integration of flood management with water supply management. Improved ecological function of floodplains and stream corridors. Assist newly formed (within last 5 years) Resource Conservation Districts (RCDs) with capacity building for restoration, stewardship, and water management, e.g National Resource Conservation District (NRCD). WATERSHED SPECIFIC PRIORITIES Projects that include operations and maintenance for multiple years for the following stream gauging stations: a. 11468900 Mattole River near Ettersburg b. 11473900 Middle Fork Eel River near Dos Rios c. 11469000 Mattole River near Petrolia d. 11517000 Shasta River near Montague

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California Bay Delta Authority (Agency ID: CALFED)	Not Applicable
Department Boating and Waterways (Agency ID: DBW)	 Development of Decision Support Systems (DSS) utilizing the GIS database under development by the Coastal Sediment Management Workgroup (comprised of the Resources Agency, SCC, CCC, DFG, DPR, U.S. Army Corps of Engineers, and National Oceanic and Atmospheric Administration (NOAA) to develop a suite of tools to assist coastal managers, engineers, and regulators in making sound regional-based decisions regarding beneficial reuse of sediment in an environmental responsible manner through the development and implementing a the California Sediment Master Plan (SMP). Project to designate and permit two new nearshore/onshore sites to beneficially reuse acceptable dredge material to renourish sediment-impaired areas (coastal erosion hotspots with a lack of natural sediment). Detailed monitoring to characterize the affects and impacts of turbidity in nearshore waters derived from a beach restoration project to provide the scientific basis to develop clear and effective water quality and TMDL permit guidelines for future projects. The project location is subject to the availability of a viable and study-worthy restoration project in Southern California.
Department of Conservation (Agency ID: DOC)	 Continue and expand the watershed coordinator grant program statewide with the goal of creating an environment that encourages Watershed Coordinators to collaborate, cooperate, and work with diverse stakeholders to build local capacity to implement watershed improvement projects. Assessment of Abandoned Mines in order to map, analyze, and remediate abandoned mines with chemical hazards including: Water sampling/monitoring upstream and downstream of abandoned mines. Biological sampling for toxicity Rock and soil sampling and analysis Research historical records

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	e. Plant community studies on and around abandoned mine lands.
	f. Ground/aerial mapping abandoned mines using global positioning system (GPS).
	g. Geologic mapping of abandoned mines
	h. Statistical data analysis
	3. Remediation of acid rock drainage or other chemical hazards discharging into impacted waterways (303d listed)
	from abandoned mines.
	4. The following are the highest priority watersheds:
	a. Middle Klamath River
	b. Upper Trinity River
	c. Lower Trinity River
	d. Scott River
	e. Salmon River

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Located in	
Regional Water	
Board 1	
California Coastal Commission (Agency ID: CCC)	The CCA Program is designed to identify coastal areas where water quality is threatened or impacted by new or expanding development and to accelerate the implementation of California's NPS Program Plan so that water quality is protected or restored. Of the 101 coastal areas identified by the CCA program the areas listed below are the highest priority based on existing water quality conditions, value, and sensitivity of coastal resources, new or expanding threats to beneficial uses, and degree of local support for watershed-based planning efforts.
	Priority work in each of these watersheds is to complete watershed-based plans that assess sources of water quality impairment, threats to water quality from new and expanding development, status of NPS management measure implementation (see the California NPS Plan), and estimations of impervious surface area, drainage density, and waste loading under current and planned conditions. Plans should identify appropriate actions to protect or restore coastal waters including but not limited to implementation of source control, site design and treatment control best management practices (BMPs), application of all appropriate NPS management measures, and development of land use regulations that protect coastal water quality. 1. Trinidad Head ASBS 2. Mad River 3. Noyo River 4. Navarro River 5. Garcia River 6. Klamath River 7. Redwood Creek 8. Redwood National Park 9. Mad River 10. Eel River 11. Mattole River 12. King Range National Conservation Area
	12. King Range National Conservation Area 13. Estero Americano

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Located in	
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Board 1	
	14. Estero de San Antonio

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California	Please note: Applicants proposing to do projects on State Forest land must partner with California Department of
Department of	Forestry (CDF) and provide the State Water Board with a letter from CDF acknowledging the partnership.
Forestry (Agency	
ID: CDF)	1. Vegetation Management (Fire and Fuels Reductions)
	a. Projects that assess fuel conditions in a watershed identify for Fuel Reduction needs, especially, projects or plans that aim to reduce the risk and impact of high severity fires on watershed health (i.e. water quality, water quantity) and wildlife habitat.
	b. Projects aimed at reducing fuel loads through Vegetation Management (i.e. controlled burns, vegetation / brush removal) in high-risk areas.
	c. Projects that assess vegetation conditions, identify the extent of Invasive exotic plant species, provide and implement a plan for removal.
	d. Where appropriate plans and projects should be coordinated with existing Fire Safe Councils and community based Fire Plans (http://www.firesafecouncil.org/).
	e. Projects that offer technical assistance to landowners to undertake hazardous fuels reduction.
	2. Sediment
	a. Development and implementation of Road Management Plans to achieve long term reductions in road-related sediment in forested landscapes.
	b. Projects that implement priorities from existing sediment TMDLs.
	3. Monitoring to evaluate the effectiveness of mitigation measures that are designed to reduce sediment loads or evaluate the impact of management practices on stream temperature.
	4. Canopy Conditions - Inventory and evaluate the adequacy of riparian buffer zones to provide shade for stream channels. Implement management practices that promote the development and restoration of riparian vegetation that provides stream shade in existing temperature TMDLs.
	5. Large Woody Debris - Assessment of riparian vegetation and in-stream large woody debris (LWD). Develop and implement management plans that will provide for both short and long-term recruitment of LWD to stream channels.a. In the North Coast region projects should be consistent with "High Priorities" that have been identified under

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Board 1	
Board 1	the DFG Coho Recovery Plan http://www.dfg.ca.gov/nafwb/fishgrant.html . b. Projects that coordinate the implementation of the Forest Practices Act and the Coho Recovery Strategy. 6. Land Conversion - Prepare and implement Community Development Plans that promote the preservation of economically sustainable forest and range lands and discourage land conversion to residential or commercial development. 7. Timber Management - Projects that coordinate timber management permitting between CDF and other agencies to promote high-quality forest management and provide regulatory relief and incentives for non-industrial forest landowners. 8. The following watersheds are priorities based on forest practice concerns and impacts on sediment and riparian areas. a. Van Duzen (Sediment) b. Gualala (Water Temperature) (See Watershed Management Report under the North Coast Watershed Assessment Program (NCWAP) http://www.ncwatershed.ca.gov/) c. Freshwater (Flooding, Sediment) d. Elk (Sediment) e. Jordan (Sediment, Flooding) f. Mattole (Water Temperature, Canopy Conditions, Stream Bank Erosion) (See Watershed Management Report under NCWAP http://www.ncwatershed.ca.gov/) g. Redwood Creek (Sediment) (See Watershed Management Report under NCWAP http://www.ncwatershed.ca.gov/)